Notes from Flip Charts
Oroville Facilities Relicensing (FERC Project No. 2100)

The following list was recorded on flip charts during the Engineering and Operations Work Group Meeting. The flip chart listing is not intended to be a transcript or analysis of the meeting or to indicate agreement or disagreement with the items listed; the intent is to provide a summary for informational purposes for interested parties who could not attend the meeting.

Sample Issue Sheet Development – Work Group Comments

E-3 Resource Goals

- Develop conjunctive use program to ensure water supply reliability.
- Make efficient use of available water.
- Use strategic approach to address linkages to other water supply plans and programs.
- Minimize straying of anadromous fish.
- Protect cultural resources through controlling reservoir levels (emerging sites, uncovered by drawdowns).
- Improve balance between water supply, flood protection and lake level.
- Maintain Butte aquifer in healthy, sustainable condition.
- Availability of all temporary data collected by Department of Water Resources to public for use.

E-3 Existing Information

- Participant groups –

CALFED	F Service
*BOR (CVPIA)	*NMFS
COE	*FWS
*PG&E	*DFG
YCWA	Butte County
*Western Canal W.D.	Yuba County
(Feather River I.D.)	Sutter County
OWID	Oroville
Joint Districts	DPR
Cultural Reps.	SWRCB
(Native American groups)	NWS (NOAA)
*ISO	

*currently coordinating with DWR for ops.

E-3 Information Needs

- Synthesis of existing plans, identify constraints and opportunities (matrix)
- Identify proposed plans and coordinate as appropriate, (consider timelines) with those specifically related to Oroville facilities.
- Extract real-time temp data collected by DWR and provide public access to the data.

E-3 Geographic Scope / Level of Analysis

- Sacramento River basin, including Feather River, to Bay-Delta and San Joaquin River Systems.
- Focus is Feather River to confluence with Yuba River, while recognizing expanded geographic scope encompassed by relevant agencies involved.

E-4 Resource Goals

- Minimize straying of anadromous fish (Ron Davis)
- Maintain sustainable recreation-based economy and healthy ecosystem.
- Operation consistent with development of new spillway marina.
- Protection and enhancement of fisheries through minimum in-stream flow releases.
- Protection of water quality.
- Improvement of recreation through adjustments of lake level requirements.

- Protection and enhancement of Bass fishery in Afterbay.
- Enhancement and maintenance of power generation, flood control, water supply, and pumpback capabilities.
- Modify operations to incorporate fish passage to re-establish anadromous species to available habitat above Oroville Dam.
- Upgrade support system models to economize and improve operations.
- Viable commercial salmon fishery.
- Protection from economic losses due to flooding (increase levee maintenance).

E-4 – Existing Information
- Inflow data to Lake Oroville – historic estimates 1922.
- Existing flow requirements:
  - Low flow section of Feather River.
  - Downstream of Thermalito Afterbay outlet.
  - Downstream of Verona (to meet Delta requirements)
- Existing temp. models (developed by others).
- Power generating capabilities
- Power pumping capabilities.
- Existing, loosely connected models.
- Economic values of hatchery fish and environmental needs for aquatic species.
- Fixed facilities – parameters.

E -4 Additional Information Needs
- Hydrodynamic model (integration system).
- Model improvements.
- Bathemetric information.
- Land use characteristics adjacent to Feather River.
- River and groundwater relationships.
- Fish and wildlife habitat needs – annually.

E-4 Additional Information Needs
- Additional upstream data and modeling and operations.
- Recent North Fork licensing condition (E2)
- Economic model / evaluation of physical impacts to local economy from various flow regimes, pumpback operations, power generation.

E-4 Geographic Scope
- Feather River basin to Yuba River.

E-5
- Flood related.
- Feather River to Verona
- Coordinated with other models past Verona (Sacramento River, Delta).
- Evaluate recent information (post '70s) to re-visit flood control diagram.

Accessing FERC Interagency Task Force Letter
- www.ferc.fed.us
  - Click on hydro to access.
  - Interagency Task Force (ITF).
  - Studies – seven documents
  - Download and print.